

Docket No.: P2001,0334

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : CHRISTIAN GREWING ET AL.

Filed : CONCURRENTLY HEREWITH

Title : CIRCUIT CONFIGURATION FOR THE FREQUENCY  
CONVERSION OF AN OSCILLATOR FREQUENCY INTO A  
CARRIER FREQUENCY

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. 1.98 copies of the following patents and/or publications are submitted herewith:

U.S. Patent No. 5,179,359 (McLeod), dated January 12, 1993;

U.S. Patent No. 4,105,949 (Hardin), dated August 8, 1978;

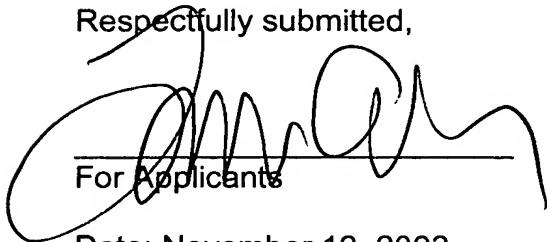
German Published Non-Prosecuted Patent Application DE 199 28 998 A1 (Detering et al.), dated August 2, 2001, and corresponding PCT WO 01/01562 A1 (Detering et al.), dated January 4, 2001;

German Published Non-Prosecuted Patent Application DT 25 23 131 A1 (Tütüncüoglu), dated December 2, 1976, Circuit for Multiplication of the Frequency of a Voltage, especially for a PAL-Coder in a Color Television Set.

If no translation of pertinent portions of any foreign language patents or publications mentioned above is included with the aforementioned copies of those applications, patents and/or publications, it is because no existing translation is readily available to the applicant.

As per the Notice in 1273 OG 55 (August 5, 2003) no copies of any above-mentioned U.S. patents and U.S. patent application publications are submitted for any application filed after June 30, 2003.

Respectfully submitted,



For Applicants

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Date: November 12, 2003

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/nt/kf

FORM PTO-1449 (SUBSTITUTE)		Attorney Docket No.: P2001,0334 Appl. No.:	
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))		Applicant: CHRISTIAN GREWING ET AL.	
		Filing Date: November 12, 2003 Group Art Unit:	

EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A	5,179,359	1/12/93	McLeod			
	B	4,105,949	8/8/78	Hardin			
	C						
	D						
	E						
	F						
	G						
	H						
	I						

## FOREIGN PATENT DOCUMENT

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES   NO
	J	199 28 998 A1	8/2/01	Germany			
	K	25 23 131 A1	12/2/76	Germany			
	L	01/01562 A1	1/4/01	WIPO			
	M						
	N						

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)


EXAMINER	DATE CONSIDERED